

## GROUND-WATER LEVELS

## CITY OF SUFFOLK

363655076332008. Local number, 58A 83 SOW 180G.

LOCATION.--Lat 36°36'55", long 76°33'20", Hydrologic Unit 03010205, 0.3 mi north of Great Dismal Swamp Wildlife Refuge Headquarters on Desert Road, 2.0 mi east of Cypress Chapel. Owner: Virginia Department of Environmental Quality.

AQUIFER.--Yorktown-Eastover aquifer of Miocene-Pliocene age.

WELL CHARACTERISTICS.--Drilled observation water well, diameter 4.5 in. to 145 ft, diameter 2 in. from 135 to 165 ft, depth 165 ft, screened 155 to 165 ft.

INSTRUMENTATION.--Occasional measurement with chalked tape by USGS personnel. Prior to Feb. 15, 1996, digital recorder--60-minute punch.

DATUM.--Elevation of land-surface datum is 33.84 ft above sea level. Measuring point: Top of casing, 2.5 ft above land-surface datum.

REMARKS.--This well is known to contain dissolved solids greater than or equal to 1,000 mg/l.

PERIOD OF RECORD.--February 1987 to current year.

EXTREMES FOR PERIOD OF RECORD.--Highest water level recorded, 6.09 ft below land-surface datum, May 29, 1990; lowest recorded, 9.20 ft below land-surface datum, Dec. 29, 30, 1995.

## WATER LEVEL, IN FEET BELOW LAND-SURFACE DATUM, WATER YEAR OCTOBER 1997 TO SEPTEMBER 1998

| DATE   | WATER<br>LEVEL | DATE   | WATER<br>LEVEL | DATE   | WATER<br>LEVEL | DATE   | WATER<br>LEVEL |
|--------|----------------|--------|----------------|--------|----------------|--------|----------------|
| DEC 11 | 7.59           | APR 02 | 6.70           | JUN 22 | 6.80           | SEP 15 | 7.63           |

  

|                 |         |      |              |
|-----------------|---------|------|--------------|
| WATER YEAR 1998 | HIGHEST | 6.70 | APR 02, 1998 |
|                 | LOWEST  | 7.63 | SEP 15, 1998 |

